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⏰ Alarm Clock

Use the Alarm Clock to set an alert for a specific time. The alert works only when the phone is on.

1. Select **Menu** → **Tools** → **Alarm Clock** → **Set**.
   - Press ⬍ up or down to select an hour and minutes.
   - Press ◀▶ left or right to switch between hours, minutes, and a.m./p.m.
   - Enter numbers using the phone keypad.
2. Press ⓞⓚ to save.
3. When the alarm rings, select **Snooze** to silence the alarm for 10 minutes, or select **Off** to turn off the alarm.

📇 Tip Calculator

1. Select **Menu** → **Tools** → **Tip Calculator**.
2. Enter the amount of your bill and press ⓞⓚ .
3. Select the amount you want to include as a tip (15%, 18%, 20%, 10%, 5%, Other) and press ⓞⓚ . Your total bill, including tip, is calculated and displayed.
4. Split the bill, by pressing ◀▶ right and pressing ⓞⓚ to select **Split.**
5. Enter the number of guests and press ⓞⓚ . The amount that each guest pays appears.

🧮 Calculator

Use the calculator for basic mathematical equations.

1. Select **Menu** → **Tools** → **Calculator**.
2. Use the keypad to enter numbers.
3. Press ⓞⓚ to select mathematical operations.

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=	Performs the "equals" function.
÷	Inserts the **division** character after the last number entered.
-	Inserts the **subtraction** character after the last number entered.
+	Inserts the **addition** character after the last number entered.
X	Inserts the **multiplication** character after the last number entered.
.	Inserts the decimal point after the last number entered.
C	Clears all numbers entered and displays a zero.
MR	Displays the value currently stored in memory.
M+	Adds the displayed digit to the value stored in memory.
MC	Clears the value currently stored in memory.
±	Changes the sign of the displayed number.
(clr)	Clears one function or one digit from the screen and returns the calculator to digit entry mode. Hold down to clear all of the digits and operations and display a zero.
(end)	Exits the calculator and returns to the home screen.

☉ Countdown Timer

This timer counts down for a specified amount of time. It beeps, using the volume set for alerts, when that amount of time has elapsed.

1. Select **Menu** → **Tools** → **Countdown Timer** → **Set.**
2. Press ⬦ up or down to set the hours, minutes, and seconds. To move the cursor, press ⬦ left or right.
3. Select **Start** to begin the countdown.
   Select **Stop** to pause the countdown.
4. When the alarm rings, press the (end) to silence it.

⏱ Stopwatch

1. Select **Menu** → **Tools** → **Stopwatch** → **Start.**
    The stopwatch begins counting

2. Select **Stop** to stop counting.

3. Select **Reset** to set the counter back to zero and have the stopwatch begin counting again.

4. Press (clr) when finished.

Games

🏛 Mystic I Ching™

The I Ching is a 3,000-year-old collection of 64 fortunes written in China. Each fortune has a number, a name, and a mystical description. This games gives you your fortune based on the option you select.

1. Select **Menu** → **Tools** → **Mystic Iching**.

2. Highlight an option, and press (ok) to select it.

   – **Your Fortune** Press (ok) to select this option. At the prompt, think of the question you want answered. Your fortune appears shortly after posing the question.

   – **Quick Yes/No -** Ask **Mystic I Ching** your question before selecting this option. Press (ok) to have your question answered.

   – **Instructions** provides help on how to use Mystic I Ching.

   – **Reference Version**≡Press (ok) to select this option. At the prompt, enter your lucky 2-digit number (For numbers lower than 10 enter 0 before the numeral, e.g., 07). Press (ok). to see the Chinese name and fortune associated with your number.

   – **Settings** allows you to change sounds and instructions display. Select an option and press (ok)

      – **Sounds** allows you to determine when you hear music with this game. Choose **Sound Always, During Title, No Sound.**

      – **Instruction Display** determine whether or not instructions is a menu display.
         Choose **Show Instructions** or **Hide Instructions**

ⓒ Cavern Crawl™

This adventure game sends the player through a multi-layer maze inside a large cavern while fighting monsters, gathering gold, finding treasure. The goal of the game is for the player to amass as many points as possible before being killed.

To collect items or attack monsters, simply move over them. Monsters attack you by attempting to move over your spot.

1. Select **Menu → Tools → Cavern Crawl**.
2. Highlight an option, and press (ok) to select it.
   - **New Game**
   - **Resume Game**
   - **Help**
   - **Settings**
3. Press (ok) to start the game.
   - Press ⬍ to move up and down.
   - Press ⬌ to move left or right.
4. Click (ok) each time you receive a prompt announcing that you have collected an item or a killed a monster.

Note: If an incoming call alert is received, the game is paused and exited. You can return to play once the incoming call alert is ended. The game cannot be paused while the phone is off.

🦇 Space Dudes™

The goal of this game is to eliminate the space dudes by shooting them down before they shoot you.

1. Select **Menu → Tools → Space Dudes**.
   Play begins immediately.
   - Press ⬍ up to shoot the space dudes.
   - Press ⬌ left or right reposition your ship.
   - Press (clr) to pause the game.

When your ship has been hit twice by the Space Dudes you will be prompted to choose to **Resume** the game or to begin a **New** game. Press (ok) to select either.

Brick Attack™

The goal of this game is to eliminate bricks that are arranged in levels.

1. Select **Menu** → **Tools** → **Brick Attack**.
2. Press (ok) to select **New** to begin the game.
   - Press (clr) to pause the game
   - Press (ok) to **Resume**.
3. To do this, you send a moving ball upward using a paddle at the bottom of the screen. To move the paddle, press (◀▶) left or right.

If an incoming call alert is received, the game is paused and exited. You can return to play once the incoming call alert is ended. The game cannot be paused while the phone is off.

Note: If an incoming call alert is received, the game is paused and exited. You can return to play once the incoming call alert is ended. The game cannot be paused while the phone is off.

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Voice Services

The voice features of your Kyocera 2255 phone allow you to originate calls, answer calls, use voice shortcuts, and record voice memos.

Voice Memos

The Voice Memo tool allows you to record and name multiple memos. The following options are available to create and edit your memos:

▶   **Play** a recorded memo.

❚❚   **Pause** a memo.

■   **Stop** recording and return to the beginning of the memo.

≪   **Rewind** the memo.

≫   **Fast forward** the memo.

NAME   **Name** a memo.

ERASE   **Erase** a memo.

Recording a memo

1. Select **Menu** → **Settings** → **Voice Services** → **Voice Memo**.
2. Press ⓞⓚ to select **Record New**.
3. The phone says "Please record at the tone." Following the tone, record your memo. The screen will show the duration of the current memo.
4. When you finish recording your memo, select ■ and press ⓞⓚ to stop.

Naming a memo

Once you finish recording a memo, you can give your memo a name.

1. Select the memo you want to name
2. Press ◀▶ right to highlight **Name,** and press ⓞⓚ .

3. You may enter up to 12 characters for your memo. See "Entering letters, numbers, and symbols" on page 30.

4. Press ⓞⓚ to select **Save**.

Note—You do not need to enter a name for your memos. "Memo 1", "Memo 2", etc. are the default titles.

Editing or erasing a memo

Once you have created memos, you can edit or erase them as desired.

1. Select **Menu** → **Settings** → **Voice Services** → **Voice Memo**.

2. Highlight the memo you want to edit or erase, then press ⓞⓚ to select it.

3. Press ◁▷ right to select **Name** to edit the memo, or **Erase** to delete the memo. Press ⓞⓚ to select either option.

Listening to a memo

1. Select **Menu** → **Settings** → **Voice Services** → **Voice Memo**.

2. Highlight the appropriate message, and press ⓞⓚ to select it.

3. Select ▶ and press ⓞⓚ to play the memo.

Voice Shortcuts

This feature allows you to activate a phone feature by speaking a recorded command word.

Recording voice shortcuts

You must train the voice shortcut command before using this feature.

1. Select **Menu** → **Settings** → **Voice Services** → **Voice Shortcuts**.

2. Highlight the feature and press ⓞⓚ to select an item to train:
   – **Downloads** activates the downloads menu.
   – **Vibrate on/off** launches the "Send to" field within the MO-SMS feature.
   – **Ringer Volume** displays the ringer volume menu.
   – **Calculator** displays the calculator feature.
   – **Recent Calls** displays the recent calls list.
   – **Start Browser** launches the phone's web browser.
   – **Bookmarks** launches the phone's web browser and displays the bookmarks listing.

3. Say the name of the command at the prompts. When the shortcut has been successfully trained, you will hear, "shortcut saved."

–If you have already trained a shortcut, when selecting it from the Voice Shortcuts menu, you will receive the prompt, "Shortcut already recorded. Record again?"

4. Repeat for each option you want to train.

Setting up voice shortcuts

Use the shortcut key to customize quick access to a single feature.

1. Select **Menu** → **Settings** → **Display** → **Shortcut Key.**
2. Highlight the feature you want set as a shortcut, and press ⊙**ok** to select it.
   –**None** disables the shortcut.
   –**Downloads, Web Browser, Inbox, Ringer Volume, Recent Calls, Business List,** and **Personal List** display their respective menus.
   –**Voice Shortcuts** enables all features listed above as shortcuts.
3. Access the new shortcut from the home screen by pressing ◇ up, and following the prompts.
   ▶ To change a shortcut, press ◇ up and select **Setup**, or repeat Steps 1 and 2. Choose another shortcut from the list of options.

Using voice shortcuts

1. Press and hold ◇ up. The screen will show "Say a shortcut" and a voice prompt will ask you to "Say the shortcut."
2. Say the pre-recorded shortcut name into the speaker. When successful, you will be taken to the menu of the shortcut you requested.
3. See "Setting up voice shortcuts" on page 63 to define the shortcut you want available.

Adding a voice tag to an existing contact

Voice Recognition (VR) allows you to initiate a call to one of your entries in the **Contacts** directory by using voice tags.

1. From the home screen, select **Menu** → **Contacts.**
2. Select **View All** or **Find Name to locate the** the contact you want to add a voice tag to**.**
3. Press ⊙**ok** to select the contact card you want to edit.
4. Select the number you want to add a voice tag to.
5. Select **Add Voice Dial.**

6. The VR says "Say a name." Say the name, then repeat as instructed. The VR will continue to prompt you with "again" until a match is made. When a word match is completed, you will hear "[Name] added" and the screen shows "Voice dialing is now available for this number."

-or-

1. Select **Menu** → **Settings** → **Voice Services** → **Add Voice Dial**
2. Say the name of the contact into the speaker at the prompt. Repeat until you hear "[Name] added."

Saving a voice tag with a new contact

1. From the home screen, enter the phone number you want to save.
2. Press ⓞⓚ to **Save New.**
3. Enter a name for the contact. (If you need to know how to use the keypad to enter letters, see page 30).
4. Press ◖◗ right to select **Options**. Press ⓞⓚ .
5. Select **Add Voice Dial**. Press ⓞⓚ .
6. The VR says "Say a name." Say the name, then repeat as instructed. The VR will continue to prompt you with "again" until a match is made. When a word match is completed, you will hear [Name] added" and the screen shows "Voice dialing is now available for this number."

▶ When complete, you are returned to the **Options** menu, where you can continue to add options to the new contact or **Save** the contact.

Viewing entries with voice tags

▶ Select **Menu** → **Contacts** → **Voice Dial List.**
A list of all contacts with assigned voice tags appears.

Editing a voice tag

You can edit or erase a voice tag.

1. From the home screen, select **Menu** → **Contacts** → **Voice Dial List.**
2. Highlight the contact you want to edit, and press ⓞⓚ to select it.
3. Select the phone number and press ⓞⓚ .
4. Press ◌ up or down to select **Add Voice Dial**, **Edit Voice Dial**, or **Erase Voice Dial.**, and follow the prompts.

Voice Training

During Voice Training, you speak a series of commands and the voice recognition (VR) feature "learns" your voice. Perform Voice Training in a quiet environment, and speak naturally into the microphone.

If the voice commands you repeat during training do not match, VR will ask you to repeat the command. Do not speak a command until the prompt is complete. If you speak too soon, you will hear three tones.

1. Select **Menu → Settings → Voice Services → Voice Training.**

2. Select the training option you wish to use:

   – **Train All**—Commands Yes, No, and Wake-up are trained.
   – **Train "Wake-Up"**—Only the Wake-up command is trained.
     The "Wake Up" command feature can only be used with an accessory, such as a headset, hands-free car kit, or portable hands-free car kit.
   – **Train "yes/no"**—Yes and No commands are trained.
     VR recognizes the "Yes" and "No" commands without training. However, performance is improved when you train these commands. If you do not train the VR feature, the "Yes" and "No" commands can be activated by anyone.
   – **Untrain All**—Erases all training

3. Press (ok) to select it.

4. The VR asks you to say the command.

5. Speak the command clearly into the microphone and listen for "Again." Say the command again until you hear "Training completed."

6. Press (clr) when finished to return to Voice Services, or press (end) to return to the home screen.

Note: To end Voice Training at any time, press (clr) or (end).

Activating VR

Once VR training is complete, you can activate the system in one of two ways:

1. From the home screen, press (talk), and follow the prompts.

2. If you are using your phone with a hands-free car kit, portable hands-free car kit, or car power adapter, say "Wake Up" and listen for a tone. Say "Wake Up" again until you hear two tones.

Making a call with VR

1. From the home screen, press (talk) .
2. The VR responds "Say a name."
3. Say the name of the person you wish to call.
4. The VR responds "Calling [Name]." Remain silent to make the call, or say "No" to cancel the call.

If there are multiple matches to the name that you requested, the VR will ask you to verify which name you want to call. Reply "Yes" or "No" until you hear the desired name.

To end a call with VR

To end a call, press (end) . You cannot use voice recognition to end a call.

Voice Wake-Up

▶ Select **Menu** → **Settings** → **Voice Services** → **Voice Wake-Up** → **With ext. pwr**.

You may train the "Wake Up" command, but this feature may only be used with an accessory, such as a headset, hands-free car kit, or portable hands-free car kit. See Voice Training on page 65.

Note: Voice Wake-up does not work with Keyguard active.

Voice Answer

You may use VR to answer incoming calls. However, This feature may only be used with an accessory, such as a headset, hands-free car kit, or portable hands-free car kit. Voice answer must be enabled for this feature to work, and the ringer must be turned on.

1. Select **Menu** → **Settings** → **Voice Services** → **Voice Answer**
2. Select **Enabled**, press (ok) .
3. Select **Menu** → **Settings** → **Sounds** → **Call Ring/Vibe**.
4. Highlight **Ring only**, then press (ok) .

Once this feature is activated, the VR alerts you in one of two ways:

"Incoming call, answer?" -or- "Incoming roam call, answer?"

Answering a call

The VR system alerts you to an incoming call by saying either

- ▶ "Incoming call, answer?" -or- "Incoming roam call, answer?"
- ▶ Say "Yes" -or- Press any key except ⬭end .

Ignoring a call

You may ignore an incoming call in several ways:

- ▶ Say "No" or press ⬭end . The voice alert is silenced.
  -or-
- ▶ Remain silent. The voice alert repeats twice and the phone rings once, then returns to the home screen.

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Experiencing Sprint PCS Wireless Web

You can use your phone to browse the Internet if you have obtained phone Internet services from your service provider and if over-the-air Internet access is available in your area.

Using the Wireless Web

To learn how to enter text in the Wireless Web, see "Languages and special characters" on page 49.

Note—You cannot receive incoming calls while you are in the Wireless Web and a data call is in progress.

Starting the Wireless Web

▶ From the home screen, select **Menu** → **Wireless Web**.

Exiting the Wireless Web

▶ Press ⓞend .

-or-

Press ⓒlr from the Wireless Web home screen.

Going back

• Press ⓒlr to go back one screen.

Wireless Web options

The following options may appear on your screen:

▶ **Home** returns you to the main Web Browser window, or home page.

▶ **Mark Site** saves the current location as a bookmark for easy access.

▶ **Bookmarks** displays a list of your saved web sites.

▶ **Setup**

– **Show URL** displays the entire URL.

– **Openwave™** displays information about your Wireless Web version.

- **Encryption** should not be used unless you are instructed to do so by your service provider.
- **UP.Link** selects a different browser server. You can use this option if you have more than one Web Browser account, such as one for business and one for personal use.
- **Restart** restarts the Web Browser.

Indicators and alerts

Web Browser screen

▶ The 🔒 appears in a secure Wireless Web session.

▶ If you have several URLs bookmarked, a list appears. Press 🔼 up or down to scroll through the list. Press 〔ok〕 to select a URL and go to that site.

▶ An underline and an arrow indicate that there is more text. Press 🔽 down to go to the next screen of text. Press 🔼 up to move back one screen.
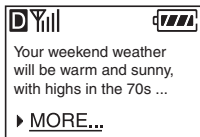
Web Alerts

If your service provider activated Internet services on your phone and you are in an area that provides over-the-air Internet access, you may receive Web Alerts. These short messages allow you to quickly access information on the Internet.

My Downloads (TBD)

You may download new ringers and screensavers to your Sprint PCS Phone in three ways:

1. Request a file via WAP session using the phone's browser.

2. Download a file using your PC (connection kit sold separately)

3. Subscribe to an automatic download service using either of the first two methods.

Downloads URL

When using Get New..., Ringers, or Screen Savers download options, the browser is launched with a specific URL. This URL is the same for all three items. To change this URL:

1. Select **Menu** → **Wireless Web** → **My Downloads** → **Downloads URL.**
2. Enter your 4-digit lock code.
3. Select **Continue** at the prompt, "Warning: Be sure the URL supports downloads."
4. Enter the URL, and press ⊙ok to save.

Get New

To download new ringers or screen savers:

1. Select **Menu** → **Wireless Web** → **Downloads** → **Get New...** This launches the browser with the global Download Anything "Get New" URL.
2. Select an object to download. "Download in progress" appears while the item is downloading. "Download complete" appears when finished.
3. Select **View** to see the download, or **Shop** to continue downloading items.

Note: Downloaded items are automatically placed in the appropriate menu.

Ringers

▶ Select **Menu** → **Wireless Web** → **My Downloads** → **Ringers**
▶ If this is the first time you're downloading, the prompt "Would you like to download a ringer?" appears. Press ⊙ok to select **Yes**. The browser launches with the ringer URL. Selecting **Not Now** returns you to the previous screen.
▶ If ringers have previously been downloaded, a list of your available ringers appears. Select from the following options:
  – **Play** sounds the selected ringer.
  – **Get New** allows you to download new ringers. Selecting Get New launches the browser with the ringer URL.
  – **Erase** allows you to erase existing ringers.
  – **Ringer Menu** displays the standard ringer menu.
  – **Details** provides you with the Title, Composer, and length of the ringer sound.

Note: Downloaded ringers are automatically placed in the Ringer Type menu. To assign a ringer, see "Changing the ringer" on page 34.

Screen Savers

▶ Select **Menu** → **Wireless Web** → **My Downloads** → **Screen Savers.**

▶ If this is the first time you're downloading, the prompt "Would you like to download a screen saver?" appears. Press ⓞⓚ to select **Yes**. The browser launches with the screen saver URL. Selecting **Not Now** returns you to the previous screen.

▶ If screen savers have previously been downloaded, an alphabetical list of your screen savers appears. Highlight an option, then press ⓞⓚ to select it.

  –**View** displays the image of the screen saver selected. Unviewed screen savers are bolded.

  –**Get New** allows you to download new screen savers. Selecting Get New launches the browser with the screen saver URL.

  –**Erase** allows you to erase existing screen savers.

  –**Scrn Svr Menu** displays the standard screen saver menu.

Note: Downloaded screen savers are automatically placed in the screen saver menu. To assign a screen saver, see "Assigning screen savers" on page 46.

Web Guard

Web Guard allows you to set alerts that announce the start or end of a browser session.

1. Select **Menu** → **Wireless Web** → **Web Guard**

2. Highlight, then press ⓞⓚ to select from the following options:

  –**At Start** alerts you at the start of a browser session.

  –**At End** alerts you at the end of a browser session. When exiting the browser, you will be prompted to respond to "Exit Wireless Web?"

  –**Both** prompts you at both the start and end of a browser session.

Connection

You can use the built-in wireless modem in your Sprint PCS Phone just like a standard external modem to your PC or laptop. You can also use it to send and receive faxes to your PC. Note, however, that you cannot make or receive voice

calls while the modem is in Data/Fax mode. Incoming calls will go directly to voicemail.

Data/Fax Mode

The Sprint PCS Wireless Web™ Connection Kit (purchased separately) lets you link your laptop PC to your Sprint PCS Phone so you can send and receive data and faxes. Note that the phone must be on a digital network to send and receive faxes, and when the phone is in Data/Fax mode you cannot make or receive voice calls.

These settings tell the phone how to handle voice and data calls.

1. Select **Menu** → **Wireless Web** → **Connection** → **Data/Fax Calls In**.

2. Press (ok) to select an option:

▶ **Voice Only** allows only voice calls.

▶ **Fax, next call** sets the phone to fax mode for the next incoming call or the next ten minutes.

▶ **Data, next call** sets the phone to data mode for the next incoming call or the next ten minutes.

▶ **Fax, until off** forces the phone into fax mode until the phone is turned off.

▶ **Data, until off** forces the phone into data mode until the phone is turned off.

For information on how to connect your data cable and configure your connection settings, please consult the manual you received with your Sprint PCS Wireless Web™ Connection Kit (purchased separately).

Receiving a Fax

To receive a fax with your phone:

1. Plug your phone into a computer or laptop using the data cable you received with your Sprint PCS Wireless Web™ Connection Kit (purchased separately).

2. Set the phone to **Fax, next call** or **Fax, until off** using the instructions described above in Data/Fax Mode.

3. Start up the Connection Kit and configure it to connect to your phone. Your phone is now ready to receive faxes.

Receiving Data

To receive data with your phone:

1. Plug your phone into a computer or laptop using the data cable you received with your Sprint PCS Wireless Web™ Connection Kit (purchased separately).
1. Set the phone to **Data, next call**, or **Data, until off** using the instructions described above in Data/Fax Mode.
1. Start up the Connection Kit and configure it to connect to your phone. Your phone is now ready to receive data.

Returning to Voice Mode

To return to Standby mode at the end of a data or fax transmission, select **Voice Only** from the **Data/Fax Calls** menu described above in Data/Fax Mode, or power the phone off and on.

Note The phone always powers up in Standby mode, even if it was powered down in Data/Fax mode. The phone also returns to Standby mode if the data cable is disconnected.

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Knowing Performance and Safety Guidelines

Getting the Most Out of Your Reception

Keeping Tabs on Signal Strength

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

Understanding Power Save Feature

If your phone is unable to find a signal after 15 minutes of searching, a Power Save feature is automatically activated. If your phone is on, it periodically rechecks service availability or you can check yourself by pressing any key. Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to Standby mode.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Knowing Radio Frequency Safety

The design of your Sprint PCS Phone complies with updated NCRP standards described below.

In 1991–92, the Institute of Electrical and Electronics Engineers (IEEE) and the American National Standards Institute (ANSI) joined in updating ANSI's 1982 standard for safety levels with respect to human exposure to RF signals. More than 120 scientists, engineers and physicians from universities,

government health agencies and industries developed this updated standard after reviewing the available body of research. In 1993, the Federal Communications Commission (FCC) adopted this updated standard in a regulation. In August 1996, the FCC adopted hybrid standard consisting of the existing ANSI/IEEE standard and the guidelines published by the National Council of Radiation Protection and Measurements (NCRP).

Maintaining Your Phone's Peak Performance

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

▶ Hold the phone with the antenna up, fully-extended and over your shoulder.

▶ Try not to ever hold, bend or twist the phone antenna.

▶ Don't use the phone if the antenna is damaged.

▶ Speak directly into the mouthpiece.

▶ Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it's inoperable, return it to a Sprint PCS Center or call Sprint PCS Customer Care for service.

Maintaining Safe Use of and Access to Your Phone

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE

Using Your Phone While Driving

Talking on your phone while driving is illegal in some states. Even where it's not, it can divert your attention from driving. Remember that safety always comes first.

When using your phone in the car:

▶ Get to know your phone and its features, such as speed dial and redial.

▶ When available, use a hands-free device.

▶ Position your phone within easy reach.

▶ Let the person you are speaking to know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.

- ▶ Do not take notes or look up phone numbers while driving.
- ▶ Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic.
- ▶ Do not engage in stressful or emotional conversations that may divert your attention from the road.
- ▶ Dial (9wxyz) (1☎) (1☎) to report serious emergencies. It's free from your wireless phone.
- ▶ Use your phone to help others in emergencies.
- ▶ Call roadside assistance or a special non-emergency wireless number when necessary.

Following Safety Guidelines

To operate your phone safely and efficiently, always follow any special regulations in a given area. Turn your phone off in areas where use is forbidden or when it may cause interference or danger.

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, RF signals from wireless phones may affect inadequately shielded electronic equipment.

RF signals may affect improperly installed or inadequately shielded electronic operating and entertainment systems in motor vehicles. Check with the manufacturer or its representative to determine if these systems are adequately shielded from external RF signals. Also check with the manufacturer regarding any equipment that has been added to your vehicle.

Consult the manufacturer of any personal medical devices, such as pacemakers and hearing aids, to determine if they are adequately shielded from external RF signals.

Turning Off Your Phone Before Flying

Turn off your phone before boarding any aircraft. To prevent possible interference with aircraft systems, the U.S. Federal Aviation Administration (FAA) regulations require you to have permission from a crew member to use your phone while the plane is on the ground. To prevent any risk of interference, FCC regulations prohibit using your phone while the plane is in the air.

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Turning Off Your Phone in Dangerous Areas

To avoid interfering with blasting operations, turn off your phone when in a blasting area or in other areas with signs indicating that two-way radios should be turned off. Construction crews often use remote-control RF devices to set off explosives.

Turn off your phone when you're in any area that has a potentially explosive atmosphere. Although it's rare, your phone or its accessories could generate sparks. Sparks could cause an explosion or a fire resulting in bodily injury or even death. These areas are often, but not always, clearly marked. They include:

► Fueling areas such as gas stations
► Below deck on boats
► Fuel or chemical transfer or storage facilities
► Areas where the air contains chemicals or particles such as grain, dust or metal powders
► Any other area where you would normally be advised to turn off your vehicle engine

Restricting Children's Access to Your Phone

Your Sprint PCS Phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

Caring for the battery

Protecting Your Battery

The guidelines listed below help you get the most out of your battery's performance.

► Use only Sprint PCS-approved batteries and desktop chargers. These chargers are designed to maximize battery life. Using other batteries or chargers voids your warranty and may cause damage.
► In order to avoid damage, charge the battery only in temperatures that range from 32º F to 113º F (0º C to 45º C).
► Don't use the battery charger in direct sunlight or in high humidity areas, such as the bathroom.
► Never dispose of the battery by incineration.

- ► Keep the metal contacts on top of the battery clean.
- ► Don't attempt to disassemble or short-circuit the battery.
- ► The battery may need recharging if it has not been used for a long period of time.
- ► It's best to replace the battery when it no longer provides acceptable performance. It can be recharged hundreds of times before it needs replacing.
- ► Don't store the battery in high temperature areas for long periods of time. It's best to follow these storage rules:

> Less than one month:
> 4° F to 140° F (-20° C to 60° C)
>
> More than one month:
> 4° F to 113° F (-20° C to 45° C)

Disposal of Lithium Ion (LiIon) Batteries

For safe disposal options of your LiIon batteries, contact your nearest Sprint PCS-authorized service center.

Special note: Be sure to dispose of your battery properly. In some areas, the disposal of batteries in household or business trash may be prohibited.

Acknowledging special precautions and the FCC notice

FCC compliance Emergency 911

When an emergency 911 call is originated by the user, the mobile will attempt to acquire any available system and originate the emergency call on that system, disregarding restrictions set by the roaming list. The FCC NPRM WT99-13, CC94-102 automatic analog A/B roaming option has been implemented for 911 emergency calls. Note that the KWC-2255 does not have Global Positioning System (GPS) support.

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and voids the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

Body-Worn Operation

To comply with FCC radiation exposure requirements, use of this device for body-worn operational configurations is limited to accessories tested and approved by Kyocera Wireless Corp. KWC does not provide a belt clip or leather case. Accessories used with KWC-2255 for body-worn operations must not contain any metallic components and must provide at least 22.5mm separation distance including the antenna and the user's body. Other accessories that have not been tested for body-worn SAR may not comply with FCC radiation exposure limits and should be avoided.

For more information about RF exposure, please visit the FCC website at www.fcc.gov.

Specific Absorption Rate (SAR) for Wireless Phones

THIS MODEL PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies.

The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg.[1] Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 1.47 and when worn on the body, as described in this user guide, is 0.562. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). SAR value shown is worst case value for a KWC 2255. A typical KWC 2255 is 1.12 at the ear and 0.472 when worn on the body. While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/fccid after searching on FCC ID OVFKWC-2255. Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at http://www.wow-com.com.

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1. In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Consumer update on mobile phones

FDA has been receiving inquiries about the safety of mobile phones, including cellular phones and PCS phones. The following summarizes what is known— and what remains unknown—about whether these products can pose a hazard to health, and what can be done to minimize any potential risk. This information may be used to respond to questions.

Why the concern?

Mobile phones emit low levels of radiofrequency energy (i.e.,radiofrequency radiation) in the microwave range while being used. They also emit very low levels of radiofrequency energy (RF), considered non-significant, when in the stand-by mode. It is well known that high levels of RF can produce biological damage through heating effects (this is how your microwave oven is able to cook food). However, it is not known whether, to what extent, or through what mechanism, lower levels of RF might cause adverse health effects as well. Although some research has been done to address these questions, no clear picture of the biological effects of this type of radiation has emerged to date. Thus, the available science does not allow us to conclude that mobile phones are absolutely safe, or that they are unsafe. However, the available scientific evidence does not demonstrate any adverse health effects associated with the use of mobile phones.

What kinds of phones are in question?

Questions have been raised about hand-held mobile phones, the kind that have a built-in antenna that is positioned close to the user's head during normal telephone conversation. These types of mobile phones are of concern because of the short distance between the phone's antenna—the primary source of the RF—and the person's head. The exposure to RF from mobile phones in which the antenna is located at greater distances from the user (on the outside of a car, for example) is drastically lower than that from hand-held phones, because a person's RF exposure decreases rapidly with distance from the source. The safety of so-called "cordless phones," which have a base unit connected to the telephone wiring in a house and which operate at far lower power levels and frequencies, has not been questioned.

How much evidence is there that hand-held mobile phones might be harmful?

Briefly, there is not enough evidence to know for sure, either way; however, research efforts are on-going. The existing scientific evidence is conflicting and many of the studies that have been done to date have suffered from flaws in their research methods. Animal experiments investigating the effects of RF exposures characteristic of mobile phones have yielded conflicting results. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. In one study, mice genetically altered to be predisposed to developing one type of cancer developed more than twice as many such cancers when they were exposed to RF energy compared to controls. There is much uncertainty among scientists about whether results obtained from animal studies apply to the use of mobile phones.

First, it is uncertain how to apply the results obtained in rats and mice to humans. Second, many of the studies that showed increased tumor development used animals that had already been treated with cancer-causing chemicals, and other studies exposed the animals to the RF virtually continuously—up to 22 hours per day.

For the past five years in the United States, the mobile phone industry has supported research into the safety of mobile phones. This research has resulted in two findings in particular that merit additional study:

1.) In a hospital-based, case-control study, researchers looked for an association between mobile phone use and either glioma (a type of brain cancer) or acoustic neuroma (a benign tumor of the nerve sheath). No statistically significant association was found between mobile phone use and acoustic neuroma. There was also no association between mobile phone use and gliomas when all types of types of gliomas were considered together. It should be noted that the average length of mobile phone exposure in this study was less than three years.

When 20 types of glioma were considered separately, however, an association was found between mobile phone use and one rare type of glioma, neuroepithelliomatous tumors. It is possible with multiple comparisons of the same sample that this association occurred by chance. Moreover, the risk did not increase with how often the mobile phone was used, or the length of the calls. In fact, the risk actually decreased with cumulative hours of mobile

phone use. Most cancer causing agents increase risk with increased exposure. An ongoing study of brain cancers by the National Cancer Institute is expected to bear on the accuracy and repeatability of these results.

2.) Researchers conducted a large battery of laboratory tests to assess the effects of exposure to mobile phone RF on genetic material. These included tests for several kinds of abnormalities, including mutations, chromosomal aberrations, DNA strand breaks, and structural changes in the genetic material of blood cells called lymphocytes. None of the tests showed any effect of the RF except for the micronucleus assay, which detects structural effects on the genetic material. The cells in this assay showed changes after exposure to simulated cell phone radiation, but only after 24 hours of exposure. It is possible that exposing the test cells to radiation for this long resulted in heating. Since this assay is known to be sensitive to heating, heat alone could have caused the abnormalities to occur. The data already in the literature on the response of the micronucleus assay to RF are conflicting. Thus, follow-up research is necessary.

FDA is currently working with government, industry, and academic groups to ensure the proper follow-up to these industry-funded research findings. Collaboration with the Cellular Telecommunications Industry Association (CTIA) in particular is expected to lead to FDA providing research recommendations and scientific oversight of new CTIA-funded research based on such recommendations.

Two other studies of interest have been reported recently in the literature:

1.) Two groups of 18 people were exposed to simulated mobile phone signals under laboratory conditions while they performed cognitive function tests. There were no changes in the subjects' ability to recall words, numbers, or pictures, or in their spatial memory, but they were able to make choices more quickly in one visual test when they were exposed to simulated mobile phone signals. This was the only change noted among more than 20 variables compared.

2.) In a study of 209 brain tumor cases and 425 matched controls, there was no increased risk of brain tumors associated with mobile phone use. When tumors did exist in certain locations, however, they were more likely to be on the side of the head where the mobile phone was used. Because this occurred in only a small number of cases, the increased likelihood was too small to be statistically significant.

In summary, we do not have enough information at this point to assure the public that there are, or are not, any low incident health problems associated with use of mobile phones. FDA continues to work with all parties, including other federal agencies and industry, to assure that research is undertaken to provide the necessary answers to the outstanding questions about the safety of mobile phones.

What is known about cases of human cancer that have been reported in users of hand-held mobile phones?

Some people who have used mobile phones have been diagnosed with brain cancer. But it is important to understand that this type of cancer also occurs among people who have not used mobile phones. In fact, brain cancer occurs in the U.S. population at a rate of about 6 new cases per 100,000 people each year. At that rate, assuming 80 million users of mobile phones (a number increasing at a rate of about 1 million per month), about 4800 cases of brain cancer would be expected each year among those 80 million people, whether or not they used their phones. Thus it is not possible to tell whether any individual's cancer arose because of the phone, or whether it would have happened anyway. A key question is whether the risk of getting a particular form of cancer is greater among people who use mobile phones than among the rest of the population. One way to answer that question is to compare the usage of mobile phones among people with brain cancer with the use of mobile phones among appropriately matched people without brain cancer. This is called a case-control study. The current case-control study of brain cancers by the National Cancer Institute, as well as the follow-up research to be sponsored by industry, will begin to generate this type of information.

What is FDA's role concerning the safety of mobile phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as mobile phones before marketing, as it does with new drugs or medical devices. However, the agency has authority to take action if mobile phones are shown to emit radiation at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of mobile phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions at this time, FDA has urged the mobile phone industry to take a number of steps to assure public safety. The agency has recommended that the industry:

▶ support needed research into possible biological effects of RF of the type emitted by mobile phones;

▶ design mobile phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and

▶ and cooperate in providing mobile phone users with the best possible information on what is known about possible effects of mobile phone use on human health.

At the same time, FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of mobile phone safety to ensure a coordinated effort at the federal level. These agencies are:

▶ National Institute for Occupational Safety and Health

▶ Environmental Protection Agency

▶ Federal Communications Commission

▶ Occupational Health and Safety Administration

▶ National Telecommunications and Information Administration

The National Institutes of Health also participates in this group.

In the absence of conclusive information about any possible risk, what can concerned individuals do?

If there is a risk from these products—and at this point we do not know that there is—it is probably very small. But if people are concerned about avoiding even potential risks, there are simple steps they can take to do so. For example, time is a key factor in how much exposure a person receives. Those persons who spend long periods of time on their hand-held mobile phones could consider holding lengthy conversations on conventional phones and reserving the hand-held models for shorter conversations or for situations when other types of phones are not available.

People who must conduct extended conversations in their cars every day could switch to a type of mobile phone that places more distance between their bodies and the source of the RF, since the exposure level drops off dramatically with distance. For example, they could switch to

▶ a mobile phone in which the antenna is located outside the vehicle

- ► a hand-held phone with a built-in antenna connected to a different antenna mounted on the outside of the car or built into a separate package
- ► a headset with a remote antenna to a mobile phone carried at the waist

Again, the scientific data <u>do not</u> demonstrate that mobile phones are harmful. But if people are concerned about the radio frequency energy from these products, taking the simple precautions outlined above can reduce possible risk.

Where can I find additional information?

For additional information, see the following websites:

- ► Federal Communications Commission (FCC) RF Safety Program (select "Information on Human Exposure to RF Fields from Cellular and PCS Radio Transmitters"): http://www.fcc.gov/oet/rfsafety
- ► World Health Organization (WHO) International Commission on Non-Ionizing Radiation Protection (select Qs & As): http://www.who.int/emf
- ► United Kingdom, National Radiological Protection Board: http://www.nrpb.org.uk Cellular Telecommunications Industry Association (CTIA): http://www.wow-com.com
- ► U.S. Food and Drug Administration (FDA) Center for Devices and Radiological Health: http://www.fda.gov/cdrh/consumer/

Owner's record

The model number, regulatory number and serial number are located on a nameplate inside the battery compartment. Record the serial number in the space provided below. This will be helpful if you need to contact us about your phone in the future.

Model:

Serial No.:

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User guide proprietary notice

CDMA Technology is licensed by QUALCOMM Incorporated under one or more of the following patents:

4,901,307	5,109,390	5,267,262	5,416,797
5,506,865	5,544,196	5,657,420	5,101,501
5,267,261	5,414,796	5,504,773	5,535,239
5,600,754	5,778,338	5,228,054	5,337,338
5,710,784	5,056,109	5,568,483	5,659,569
5,490,165	5,511,073		

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